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			COR - 0654		
NRO REVIEW	COMPLETE	29 October 1959			
NEM	CRANEAUM FOR	: Deputy Director (Plans)	1888 1888 1888 1888 1888 1888 1888 188		
		: Acting Chief, DPD			
\$16	JECT	: Hendling of COSOMA Pay	iond at Assembly Pacilities		
	Manage	: (our 54042)			
	a.	A report by "L" Building facility, wi The Landahi memo on condi- requested Mr. Kiefer's as	on conditions at the Vandemberg th reference attached. tions at (on which you	NRO 25X1	
ep ac bu fa re an th be	o, accept to anding sever tually took wan. As you ilding, and atory. Accepting se d I hope to 3. Each in Mr. and ing headled otographic any specific, we feel	place during the final place during the final place during the final place in the methods used in handlordingly, on his return, loveral corrective actions. forward it to LMSD prompt of PIC Lumiabl's messo. For Kieff eral, there was a common at the facility was a time standpoint. Although this is recommendations on PIC that conditions can be seen.	ng at Vandenberg and of seeing we also of readiness for flight man the found that the conditions in ing film and cemera, were not so prepared the referenced cable. This we have sent to DED for colly. I were the authors of the quoted or and I went over the findings we have that they should from the the care that they should from a negative reaction was not according that as to changes that should a part as to changes that should a part as to changes that should a second the care that they should from the care that the care that the care that they should from the care that the care that the care that they should from the care that the care that the care that they should for the care that the care that the care that the care the care that the care the care that the	het der the rtis- mont para- with not on a spanied d be	
	(1)	Through making the chang referenced cable,	BE BE T. WILLIAMS Leftenbagg you	25X1	
	(2)	Through a like review by	of conditions and	NRO	

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4. We have felt for some time that is not equal to his job and that this weakness might have a real relationship to the program failures. We found that BMD agreed and accordingly Colonel Oder recently NRO made the point to LMID. I have just beard that Jim Plummer is taking 25X1 direct charge of the and this should be of help in carring the ills found by 25X1 DPD-DD/P Attachments: 1. DPD-7417-59, dated 29 October 1959 2. DD/P 4-8806, dated 14 October 1959 25X1 DB/DPD-DD/P: Distribution: Orig & 1 - Addressee, w/atts 1 & 2 1 - A/Ch/DPD, w/atts 1 & 2 1 - Ops/DPD, w/atts 1 & 2 1 - Ch/DB, w/atts 1 & 2 -1 - RI/DPD, w/atts 1 & 2

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2) October 1939

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rie	import of	

andered rate the period of 20 October 1959 to 25 October 1959, the saddered rate with Colonel C. Period Period (of the project), and the Colonel Colon

2. Out 107 was entered to landerbook 177 on Seturday, 17 October and camera 30-10 was entired on Schreekey, 21 October, 111 Concentation, takes deposit high and took records were abliqued with the course. The some toes arrived at Texasabor; are a few hours after earlival of the caparal. Sorter of test records and the severa log by Colonal Saying, where County and the unional past revealed records to be imputitional and not up to date, preventing immitate acceptance of the purload section. Seconds Indicated that there had been a secure part malforestice on the Last Elif's test, and that a file break occurred on the tests run at Talo Alto on 17 Cotober. Additional documentation required later from Talo alto indicated the cases had only about 300 cycles of additionary specialize prior to estimate to vertical to protection and the light of information contained in course log and tour data, it was decreal movement to conduct father operational tests before acceptance could be made of the particul and for flight 1050. It was agreed that these backs would be made during evelone check at the part and after the mild best been returned to the 2 Satisface. He mitempt was made to class the instrument for these tests becomen, the unit was configured (including all changes, such so installation of the new cullistice), as near flight configuration as Possible. (It somes this is not considered standard possible by the Yandschurg ATO 1250 tests prior to systems runs.) by instating on this proceedings many discompanyation were related in the established pre-flight

volicie for Lemmi, dose not have, as a toen major, arrest with sufficient background and/or experience to staquetely irrejact serial protographic equipment for flight.

- In the ecoditions of the class room and the balance of the limitality are some like a factory essently area than the type of area required for bankling and pre-flighting apacialized photographic equipments. The area is sail; lacking in classificate and equipments for the functions to be performed. It seems that no consideration has been given to lighting conditions during leading of the periods into the lastrance or during the time the instrument laring is naticed to the most sure. Under the conditions proposed, forging of the periods one occur.
- Library satrons care has been expressed in delivering the parload (film) to Vendenburg, it was noted that operational film, although hept in air conditioned area, is stacked on the floor where damage could occur. Camera speeds, although notions are attended to each film one indicating that speeds are never to be stood on flangue, were placed on flangues under more benchmen. I check of all these speeds showed all flangues to be damaged. It was also noted that all operational rolls of film had been operad before intended use, increasing the damage of forged film.
- is The following pieces of equipment are considered secondary and cheuld be presumed for the L Ballding at the equipment possible date.
 - a. This Storage Parks
 - 5. Speed Storage facts
 - c. Safe Lights, necessary wiring and California
 - d. Ma Spilor
 - a. Vicating Table

Since the excers must be served from the closen roce, after leading, to an area in the 1 Redding without air conditioning, it is recommended that additional air conditioning equipment be present to air condition the complete building. Class, that provious be made to derive the area during the pered the excers section faming is being matted to the same constant.

- 7. It is full that we should draw upon the experience we have detained on the CHALLE program and apply it to the CHALL operation. It is, therefore, recommend that the above be reviewed with NFT and LATE with the recommendation that the present team be increased to include a pictographic pre-flight technician. This member should be subbrised from a photographic stand point to approve the complete payload median for flight. His chains should include:
 - to the par the special equipment envisions are saintained in the
 - b. Maintenance of file supply and spares, e.i., file specie and etc.

- c. Promoting and evaluation of test film.
- 4. Lording the instrument.
- a. Supervision of instrument operation during systems thesis.
- 3. In view of the owners failures experienced on 17 October and 20 October, it was deemed recomment to make a close inspection of the improvement prior to the shows reference systems these and acceptance of the cult. The failuring items were moted:
 - a. The casestte take up speci was found to have sharp bure on the inside edge of one flange. This item had been installed at falls till get was equaldered ready for flight. Buth bure, heater, could have general a film breek in flight.
 - to exceed 10 lies. This possibly speed torque notor test found to exceed 10 lies. This possibly sould have backed up the supply speed except to pull the backesis splice into the instrument and spain be a possible cause for a file break in flight. The torque notor was remijusted after the pul systems sheek to 2 lies or less.

It was noted the new high-temperature torgon solor had been installed, although a upit of this type had not been qualified (however, qualification was expected prior to flight time). Taker checks have revealed that the only noter received totale is installed on secure file. Conlification must wait for further deliverion.

- 9. Other items noticed during impaction of the payload unit are considered by the unionsigned to be possible risk items for flight 1051 and should be reviewed for possible improvement for any subsequent flighter
 - a. Seemed Sallors Present rollars are file edge exprerting and show evidence of beavy areasing on the edges of the file while the casers is operating. This is an area that might cause a file break in filight. It is recommended that consideration be given to installing the old begind slow roller or a rollar of a new design.

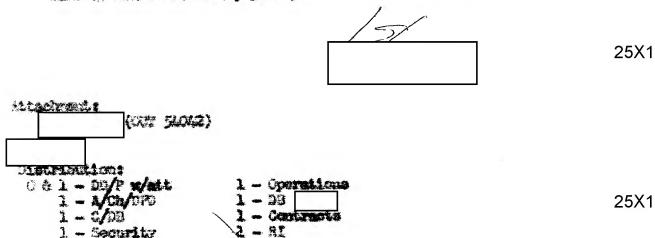
 (2 & 2 pages to have a new improved rollar design of this type.)
 - b. File Tennion File termion power to Charlesto times; but the cases grates during operation. This has always been a possible

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repose for improper file tracking of file was erousi causing file breaks. It was must noticeable from the ampuly speek under the first show roller and to the input satering rollers. The materings of consideres this fluctor or meron file tenden to be essential at this point. The complete file jeth should be revised with the view to insuring constant file tenden throughout the system.

- III. In view of the above, the following are resonantists
- a. That Headquarters, working with LND review acceptance space for the parioal area and decime a simplified workship document that will these menorical limits or other acceptable limits and the results of all tasks performed by LND. This will expedite acceptance of each with
- 5. That DER to encouraged to complete all work and muliflostices, represented for each Click wit, at Palo Lite prior to address to Vertexburg ATS.
- c. Det Bestgertore, in corporation with 300, and 1000 in outshilleding pro-flight 300 to be used during the 1 Dailding count down prior to lemma. Also, and 1000 (if necessary) in the scinetion and training of a photographic pro-flight training and it is recommanded that this person be paragrantly sestimed to the 1000 1 Ballding.
- d. That all equipments mentioned in paragraph 6 to promuted and installed in the 1 Addition at the earliest possible time.
- a. That the undersigned or a test consisting of the watersigned, Fr. S. L. Green (or representative) with a LEED representative make periodic visits to Vandanburg AFO to insure implementation and compliance with the shore recommendations. These visits should be hade at least once every 30 days.



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